PATENT COOPERATION TREATY

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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER	see Form PCT/ISA/220							
LP2015PC00	ACTION a	ell as, where applicable, item 5 below.							
International application No.	International filing date (day/month/yea	r) (Earliest) Priority Date (day/month/year)							
PCT/EP2004/012065	26/10/2004	27/10/2003							
Applicant									
LONZA AG									
This International Search Report has been according to Article 18. A copy is being tra		g Authority and is transmitted to the applicant							
This International Search Report consists	of a total of sheets.	•							
X It is also accompanied by	a copy of each prior art document cited i	n this report.							
Basis of the report									
	international search was carried out on the ess otherwise indicated under this item.	ne basis of the international application in the							
The international this Authority (Ru		translation of the international application furnished to							
b. With regard to any nucleo	otide and/or amino acid sequence disc	losed in the international application, see Box No. I.							
2. Certain claims were fou	nd unsearchable (See Box II).								
3. Unity of invention is lac	king (see Box III).								
4. With regard to the title,									
	X the text is approved as submitted by the applicant.								
the text has been establis	hed by this Authority to read as follows:								
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5. With regard to the abstract,									
X the text is approved as su	bmitted by the applicant.								
the text has been establis	thed, according to Rule 38.2(b), by this A	uthority as it appears in Box No. IV. The applicant is earch report, submit comments to this Authority.							
may, within one dionar in	an the cate of maining of this international	search report, submit comments to this Additing.							
6. With regard to the drawings,									
	published with the abstract is Figure No.								
as suggested by	the applicant. is Authority, because the applicant failed	to suggest a figure.							
	s Authority, because this figure better ch								
b. X none of the figures is to b	e published with the abstract.								
	<u> </u>								

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/012065 A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C12N11/04 C12N C12P13/02 C12P17/12 C12N11/08 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 C12N C12P Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE, FSTA C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. SADA E ET AL: "PERFORMANCE OF AN ENZYME X 1-17 REACTOR UTILIZING A MAGNETIC FIELD" BIOTECHNOLOGY AND BIOENGINEERING vol. 22, no. 1, 1980, pages 243-246, XP002318986 ISSN: 0006-3592 page 243 X WO 97/06248 A (ALLIED COLLOIDS LIMITED; 12-17 ARMITAGE, YVONNE, CHRISTINE; HUGHES, JONATHAN) 20 February 1997 (1997-02-20) example 2 US 4 774 178 A (EGERER ET AL) 1-17 Α 27 September 1988 (1988-09-27) example 17 Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but 'A' document defining the general state of the art which is not cited to understand the principle or theory underlying the considered to be of particular relevance invention earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 10/03/2005

Authorized officer

Lejeune, R

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24 February 2005

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International Application No
PCT/EP2004/012065

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